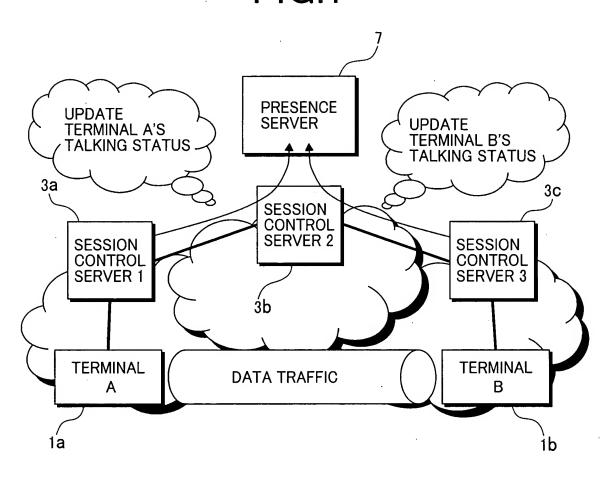
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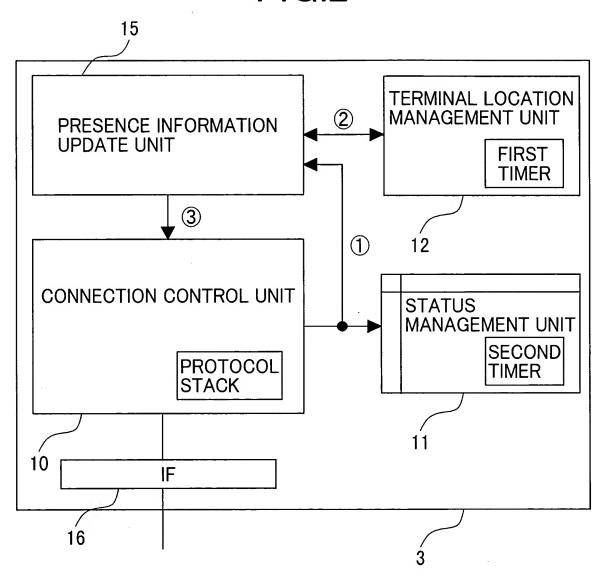
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FIG.1



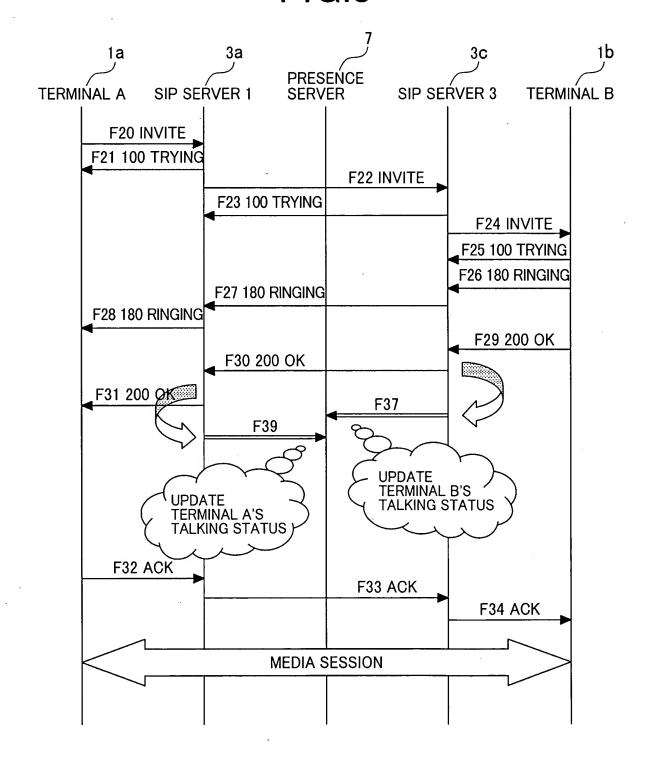
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FIG.2



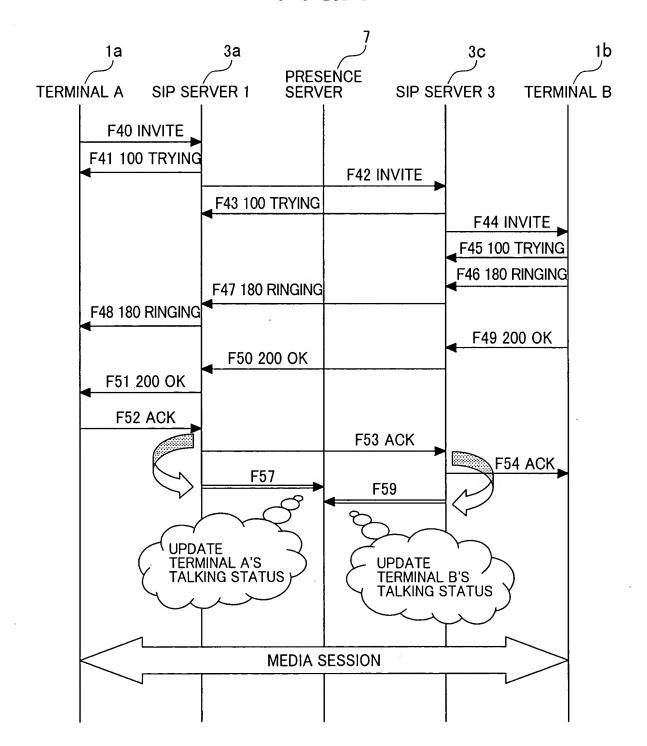
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FIG.3



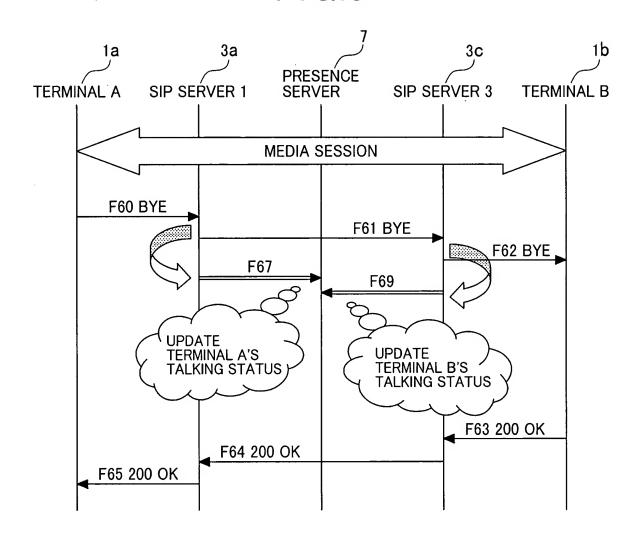
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## FIG.4



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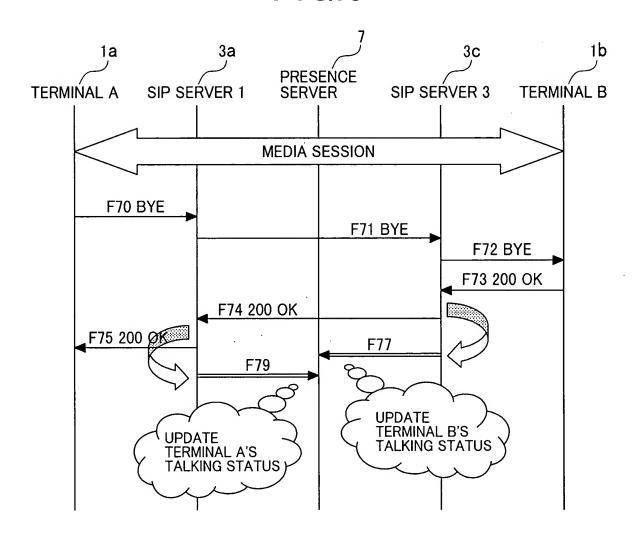
FIG.5



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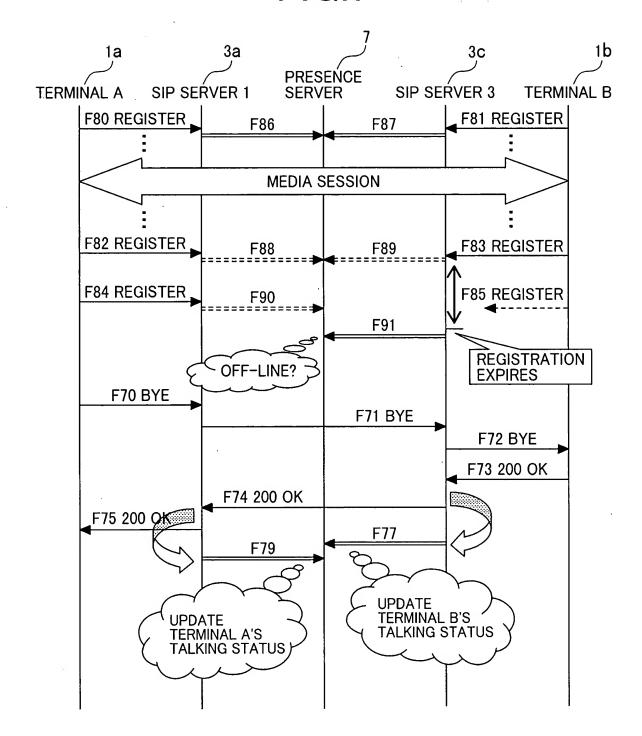
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FIG.6



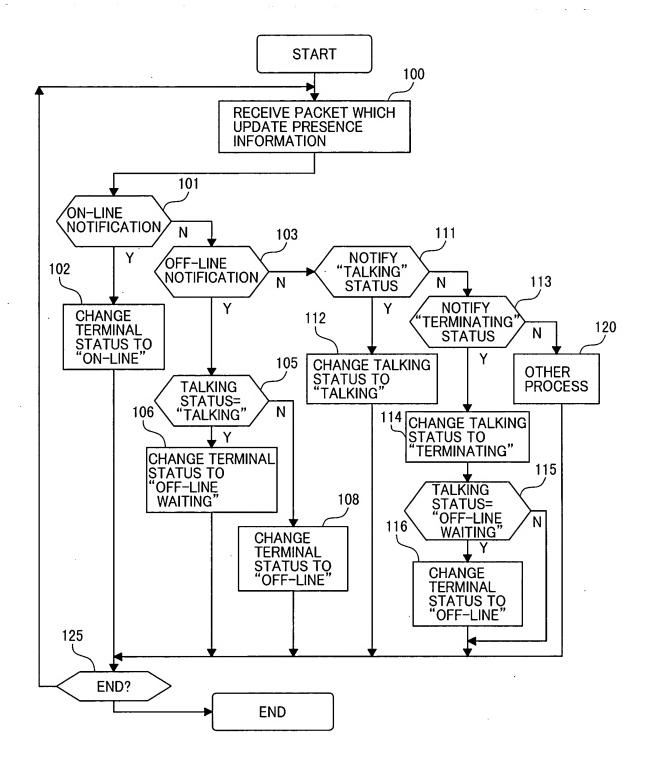
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## FIG.7



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FIG.8



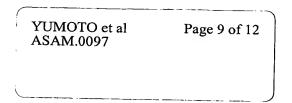
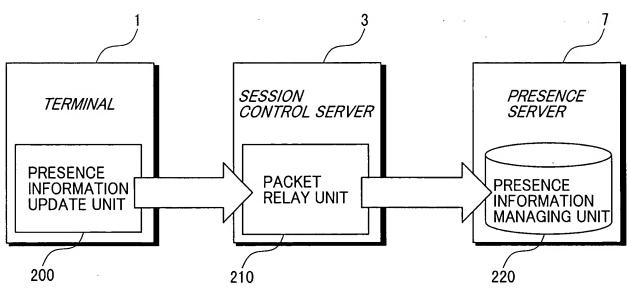


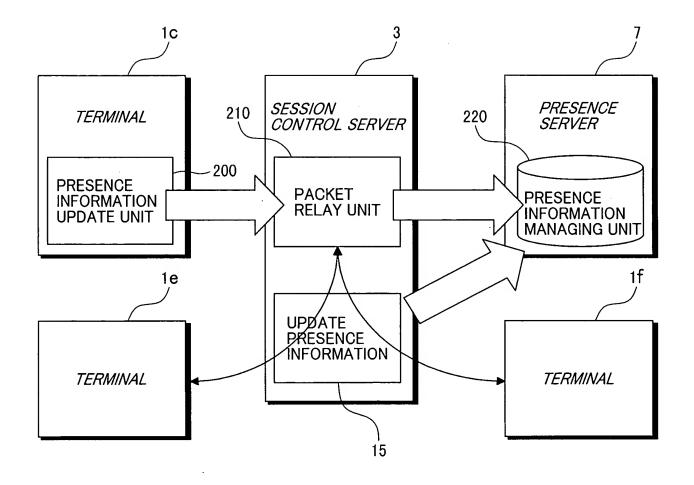
FIG.9



**FIG.10** 1d 1c SESSION **TERMINAL TERMINAL** CONTROL SERVER 250-200 **PRESENCE PRESENCE INFORMATION** INFORMATION **UPDATE UNIT** RECEIVING UNIT **PACKET RELAY UNIT** PRESENCE **PRESENCE INFORMATION** INFORMATION RECEIVING UNIT **UPDATE UNIT** 210 200 250

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**FIG.11** 



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## **FIG.12**

```
START-LINE REGISTER sip: pres.xyz.com SIP/2.0
                                                                       - 300
               Via: xxx
               From: sip:proxy@xyz.com; tag=xxx
               To: sip:user-a@xyz.com
               Call-ID: 789@proxy.xyz.com
HEADER
                                                                      -310
               CSeq: 123 REGISTER
               Expires: 3600
               Content-Type: application/xxx
               Content-Length: xxx
                                                                       - 320
EMPTY LINE
               <?xml version="1.0" encoding="UTF-8"?>
               <xxxx : presence
    xmlns : xxxx=""""</pre>
                 entity="sip : user-a@xyz.com">
<xxxx : tuple id="sip : user-a@host-a.xyz.com">
                   <xxxx : status>
                                                                      -330
                      <local : phoneStatus>
BODY
                      /local : phoneStatus>
                   </xxxx : status>
                    <xxxx : contact>
                       sip: user-a@host-a.xyz.com
                   </xxxx : contact>
                 </xxxx : tuple>
               </xxxx : presence>
```

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**FIG.13** 

